

# REQUEST FOR ACCESS OF ABANDONED APPLICATION UNDER 37 CFR 1.14(a)

In re Application of

Application Number

08/312863.

Filed

sep 27 1999

Group Art Unit

Examiner

Yuen.

Paper No. \_\_\_\_\_

Assistant Commissioner for Patents  
Washington, DC 20231

I hereby request access under 37 CFR 1.14(a)(3)(iv) to the application file record of the above-identified ABANDONED application, which is: (CHECK ONE)

\_\_\_ (A) referred to in United States Patent Number 6028599, column \_\_\_\_\_.

\_\_\_ (B) referred to in an application that is open to public inspection as set forth in 37 CFR 1.11, i.e., Application No. \_\_\_\_\_, filed \_\_\_\_\_, on page \_\_\_\_\_ of paper number \_\_\_\_\_.

\_\_\_ (C) an application that claims the benefit of the filing date of an application that is open to public inspection, i.e., Application No. \_\_\_\_\_, filed \_\_\_\_\_, or

\_\_\_ (D) an application in which the applicant has filed an authorization to lay open the complete application to the public.

Please direct any correspondence concerning this request to the following address:

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\_\_\_\_\_

Allen

Signature

7.25.2000

Date

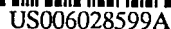
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Approved by: gwh

(initials)

Unit: F.T.U.



## Yuen et al.

[45] **Date of Patent:** **Feb. 22, 2000**

- [54] DATABASE FOR USE IN METHOD AND APPARATUS FOR DISPLAYING TELEVISION PROGRAMS AND RELATED TEXT

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4,991,011	2/1991	Johnson et al. ....	358/141

(List continued on next page.)

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WO 96/13935	5/1996	WIPO .	
WO 96/17473	6/1996	WIPO .	

- [21] Appl. No.: 08/728,614  
[22] Filed: Oct. 10, 1996

### Related U.S. Application Data

- [63] Continuation-in-part of application No. 08/475,395, Jun. 7, 1995, which is a continuation-in-part of application No. 08/424,863, Apr. 17, 1995, abandoned, which is a continuation-in-part of application No. 08/369,522, Jan. 5, 1995, abandoned, which is a continuation-in-part of application No. 08/312,863, Sep. 27, 1994, abandoned, which is a continuation-in-part of application No. 08/298,997, Aug. 31, 1994, abandoned.

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Panasonic TX-33A1G Operating Instructions.  
Prevue Networks, Inc. promotional materials.  
VideoGuide User's Manual.  
StarSight Operating Guide and Quick Reference.  
SuperGuide On Screen Satellite Program Guide, User's  
Guide Owner's Manual, and sales literature.  
Rundfunktechnische Mitteilungen, vol. 30, No. 1 Jan.  
1986-Feb. 1986 Norderstedt (DE).  
Symposium Record Cable Sessions, "Digital On-Screen  
Display A New Technology for the Consumer Interface",  
Publication date May, 1993.

- [51] **Int. Cl.**<sup>7</sup> ..... H09Y 5/445  
[52] **U.S. Cl.** ..... 345/327; 348/565; 348/906  
[58] **Field of Search** ..... 345/327; 348/6,  
348/7, 8, 10, 12, 13, 565, 567, 568, 731,  
734, 906

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**Attorney, Agent, or Firm—Christie, Parker & Hale, LLP**

[57] **ABSTRACT**

A database consisting of inventive data structures is used to facilitate the creation of electronic program guides when used with a television program schedule system. The database is periodically updated with television program schedule information and is interrogated by a schedule system in order to create program guides.

**30 Claims, 14 Drawing Sheets**

**PRE-ESTABLISHED TIME LIST**

	TODAY AM				TODAY PM				TOMORROW AM				TOMORROW PM			
	12-1	1-4	4-8	8-12	12-1	1-4	4-8	8-12	12-1	1-4	4-8	8-12	12-1	1-4	4-8	8-12
1	A <sub>1</sub>	B <sub>1</sub>	C <sub>1</sub>	D <sub>1</sub>	E <sub>1</sub>	F <sub>1</sub>	G <sub>1</sub>	H <sub>1</sub>	I <sub>1</sub>	J <sub>1</sub>	K <sub>1</sub>	L <sub>1</sub>				
2	A <sub>2</sub>	B <sub>2</sub>	C <sub>2</sub>	D <sub>2</sub>	E <sub>2</sub>	F <sub>2</sub>	G <sub>2</sub>	H <sub>2</sub>	I <sub>2</sub>	J <sub>2</sub>	K <sub>2</sub>	L <sub>2</sub>				
3	A <sub>3</sub>	B <sub>3</sub>	C <sub>3</sub>	D <sub>3</sub>	E <sub>3</sub>	F <sub>3</sub>	G <sub>3</sub>	H <sub>3</sub>	I <sub>3</sub>	J <sub>3</sub>	K <sub>3</sub>	L <sub>3</sub>				
4	A <sub>4</sub>	B <sub>4</sub>	C <sub>4</sub>	D <sub>4</sub>	E <sub>4</sub>	F <sub>4</sub>	G <sub>4</sub>	H <sub>4</sub>	I <sub>4</sub>	J <sub>4</sub>	K <sub>4</sub>	L <sub>4</sub>				
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N	A <sub>N</sub>	B <sub>N</sub>	C <sub>N</sub>	D <sub>N</sub>	E <sub>N</sub>	F <sub>N</sub>	G <sub>N</sub>	H <sub>N</sub>	I <sub>N</sub>	J <sub>N</sub>	K <sub>N</sub>	L <sub>N</sub>				

N - THE MAXIMUM NUMBER OF CHANNELS